

Kansas

Science and Engineering Profile

	STATE	U.S.	Rank		STATE	U.S.	Rank
Doctoral scientists, 1995	3,510	453,928	34	Total R&D performance, 1995 (millions)	\$764	\$177,210	34
Doctoral engineers, 1995	516	86,738	34	Industry R&D, 1995 (millions)	\$569	\$130,332	33
S&E doctorates awarded, 1996	284	27,230	30	Academic R&D, 1996 (millions)	\$182	\$22,481	33
of which, in life sciences	30%	25%		of which, in life sciences	60%	56%	
in psychology	20%	13%		in engineering	15%	16%	
in engineering	17%	23%		in physical sciences	8%	10%	
S&E postdoctorates, 1996	277	37,019	28	Higher education current-fund expenditures, 1995 (millions)	\$1,676	\$182,602	32
in doctorate-granting institutions							
S&E graduate students, 1996	6,450	430,631	23	Number of SBIR awards, 1990-1997	59	31,155	38
in doctorate-granting institutions				Patents issued to state residents, 1997	260	61,699	37
Population, 1997 (000s)	2,595	271,464	33	Gross state product, 1996 (billions)	\$68.0	\$7,677.4	31
Civilian labor force, 1997 (000s)	1,366	137,564	31	of which, agriculture	4%	2%	
Personal income per capita, 1997	\$24,379	\$25,598	25	manufacturing, mining, construction	24%	23%	
Federal spending				transportation, communication, utilities	11%	8%	
Total expenditures, 1997 (millions)	\$12,507	\$1,405,060	34	wholesale and retail trade	17%	16%	
R&D obligations, 1996 (millions)	\$211	\$66,087	37	finance, insurance, real estate	13%	19%	
				services	17%	20%	
				government	14%	12%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1996

[Thousands of Dollars]

	Total	Federal Intramural	All FFRDCs	Industrial firms	Universities & Colleges	Other nonprofits	State & local government	State rank
Total, all agencies	211,213	13,763	0	133,691	61,732	876	1,151	37
Department of Agriculture	12,319	6,363	0	0	5,956	0	0	35
Department of Commerce	78	26	0	52	0	0	0	50
Department of Defense	137,088	2,969	0	130,861	3,258	0	0	26
Department of Energy	4,812	0	0	0	4,652	0	160	38
Dept. of Health & Human Services	36,068	880	0	1,640	32,315	876	357	36
Department of Interior	3,545	3,525	0	0	20	0	0	36
Department of Transportation	1,433	0	0	24	775	0	634	33
Environmental Protection Agency	1,410	0	0	0	1,410	0	0	27
Nat'l Aeronautics & Space Admin.	3,094	0	0	1,096	1,998	0	0	38
National Science Foundation	11,366	0	0	18	11,348	0	0	36
State rank	37	46	na	26	34	48	36	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable